

19970908.qrp v00_n842.qrs.970908

>From ???@??? Mon Sep 08 21:19:08 1997
Date: Mon, 8 Sep 1997 19:03:10 EDT
Subject: QRP-L digest 842
Message-Id: <97Sep8.190702edt.35075-38822+180@fidoii.cc.Lehigh.EDU>

QRP-L Digest 842

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- 2) [26337]
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- 3) [26338] Re: Conductivity of Oxides and Physics
by Clay N4AOX <wyn@worldnet.att.net>
- 4) [26339] Re: The Austin (TX) QRP Club lives! (A QPR Club)
by Richard Powell <ripowell@mpna.com>
- 5) [26340] Nice 15m Opening - 0030Z
by Joe Gervais <vole@primenet.com>
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by "Thomas J. Whalen" <whalen@swcp.com>
- 14) [26349] Fleamarket goodies
by VE3JC John <jbcumming@wwdc.com>
- 15) [26350] Scredriver Ant Plans and Drawings?
by "Dennis L. Edinger" <dedinger@ecentral.com>
- 16) [26351] Re: OHR WM-2 Wattmeter
by Peter Chow <pchow@cisco.com>
- 17) [26352] [Lowfer] Lowfer Mailing List
by "Brian K. Short" <shortckt@primenet.com>
- 18) [26353] The WARC needs IOTA info
by Scott Bauer <ke3nv@erols.com>
- 19) [26354] THANKS!!!!

- by aa8yo@tir.com (Robert J. Fox)
- 20) [26355] Monstrous throng of QRPers at Gaithersburg
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
- 21) [26356] QSL for 3B8CF
by kreinbd@ccgate.dl.nec.com (David Kreinberg)
- 22) [26357] Radio and Scouts
by Brian Cieslak <brianc@ams-i.com>
- 23) [26358] Arkansas 40M QRP Tuesday evening
by Jim <kj5tf@mctc.com>
- 24) [26359] Re: More battery gibbering & queskins, among other stuff
by pthomson@bruderhof.com
- 25) [26360] Portable Light Sources to Investigate
by "Watson R Gabriel Jr" <wgabriel@duke-energy.com>
- 26) [26361] SO, you want manuals do ya???
- by "Phil, K6LS" <k6ls@qsl.net>
- 27) [26362] Re: OHR Spirit, Spud gun
by "Marshall Emm" <mgemm@mtechnologies.com>
- 28) [26363] Re: Portable Light Sources to Investigate
by Bill Todd <bill@techline.com>
- 29) [26364] Re: Green Chile and Audio Filters
by Chris Cartwright <ccart@dns.vidtel.com>
- 30) [26365] Re: Tic for Tac contests
by kt3a@juno.com
- 31) [26366] Re: Portable Light Sources to Investigate
by Ed Tanton <n4xy@bellsouth.net>
- 32) [26367] 88 MH Inductors
by Elliott Lawrence <edl@pacbell.net>
- 33) [26368] Re: Portable Light Sources to Investigate
by Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
- 34) [26369] Re: 10 MHz/UTC Receiver
by Ed Loranger <we6w@qsl.net>
- 35) [26370] Re: 10 MHz/UTC Receiver
by jeverhar@camden.lmco.com
- 36) [26371] QRP amongst the QRO !!!
by John Evans - N0HJ <jaevans@codenet.net>
- 37) [26372] New Norcal Kit ????
- by John Evans - N0HJ <jaevans@codenet.net>
- 38) [26373] Re: New Norcal Kit ????
- by Bob Okas <vintage@best.com>
- 39) [26374] Re: 20 meter Beacon ?
by Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
- 40) [26375] Audio filters
by Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
- 41) [26376] Re: Help for college Ham club needed
by Ed Loranger <we6w@qsl.net>
- 42) [26377] Re: New Norcal Kit ????
- by wmcshan@REX.RE.ouhsc.edu (Mike McShan)
- 43) [26378] me too!

by Bruce Rattray <rattray@siast.sk.ca>
44) [26379] Re: New contest in 98!
by n8klx@juno.com
45) [26380] IARU BEACON LIST
by gregoire@endor.com
46) [26381] CQC Meeting Photos
by "Marshall Emm" <mgemm@mtechnologies.com>
47) [26382] Re: Monstrous throng of QRPers at Gaithersburg
by Laird Jerman <ljerman@earthlink.net>
48) [26383] Re: 20 meter Beacon ?
by Bob Okas <vintage@best.com>
49) [26384] Great Story and Pics from Paul Stroud, AA4XX
by Russ Carpenter <russ@natworld.com>
50) [26385] New NorCal Kit!!!
by fmathews@norfolk.infi.net (Frank Matthews)
51) [26386] Re: New Norcal Kit ????
by "Michael A. Gipe" <mgipe@reliablemeters.com>
52) [26387] CQC Summer QSO Party Logs Update
by "Marshall Emm" <mgemm@mtechnologies.com>
53) [26388] Too much technology
by "Marshall Emm" <mgemm@mtechnologies.com>
54) [26389] Archives?
by Chris Cartwright <ccart@dns.vidtel.com>
55) [26390] URL Goof
by "Marshall Emm" <mgemm@mtechnologies.com>
56) [26391] Re: New Norcal Kit ????
by Niel Skousen <nskousen@scientech.com>
57) [26392] norcal kit
by torell@sicom.com (Kent Torell)
58) [26393] Re: norcal kit
by "Michael A. Gipe" <mgipe@reliablemeters.com>
59) [26394] Re: IARU BEACON LIST
by Niel Skousen <nskousen@scientech.com>
60) [26395] Re: New Norcal Kit ????
by "Michael A. Gipe" <mgipe@reliablemeters.com>
61) [26396] Next NorCal Kit Announcement
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
62) [26397] Re: HW-8 info needed
by crc@io.com (charles crouchet)
63) [26398] Re: norcal kit
by Ed Loranger <we6w@qsl.net>
64) [26399] Re: IARU BEACON LIST
by Ed Loranger <we6w@qsl.net>
65) [26400] Re: New Norcal Kit ????
by "Michael A. Gipe" <mgipe@reliablemeters.com>

Date: Sun, 07 Sep 1997 19:01:41 EDT
From: wb2vuo@juno.com (William K Hibbert)
To: ae4ic@nr.infi.net, qrp-l@Lehigh.EDU
Subject: [26336] Re: 20 meter Beacon ?
Message-ID: <19970907.190012.7199.1.wb2vuo@juno.com>

On Sun, 7 Sep 1997 14:14:52 -0400 "Bob Kellogg" <ae4ic@nr.infi.net>
writes:

>Gang, the last few nights I've been looking for the elusive KH6, and I
>keep
>hearing a beacon on 14.060. (about 0130-0230 UTC). It says:"CQ DE
>KFS KFS
>KFS/B QSX 468121622 M5Z K"

KFS is a Shore station in the Marine radio service. The text indicates
that they are listing for calls on the Marine services on 4, 6, 8, 12, 16
and 22 MHz.

They don't operate in the 20 Meter band, but that doesn't mean that they
don't have a spur that's down -40 dBc or so, which with their 50 KW
"Nominal" power, would STILL be around 1/2 watt (and perfectly legal as
they would meet all the regulatory requirements at -40 dBc).

I think that they are in the San Francisco area, but it's been a long
time since I listened for the Shore stations intentionally.

>
>Any of you beacon affectionados know what this one is, and where it's
>coming from?
>It's very weak here, so my copy might not be exactly right, but it's
>very
>close.
>
>CUL,
>Bob Kellogg, AE4IC, Greensboro, NC
>Probably, but not nececelery. -- Benny Hill
>
>

I will give a listen here starting about 0030Z and see if I hear
anything...

72/73, Keith, WB2VUO, QRP-L #582, scQRP 40, AR QRP #68, 100% QRP
Tech Specialist (ARRL/WNY), ARRL Life Member,
Trustee, NQ2RP/B 10 Mtr QRP Beacon (125 mW @ 28.287 MHz)
"In the Depths of the Great Bergen (NY) Swamp...FN13ac"

Packet - wb2vuo@w2im.#wny.ny.usa.noam *** Email - wb2vuo@juno.com
SnailMail - CBA *** Phone - 716.494.1239

"My Night Light runs more power than my Rig!!!"

Date: Sun, 7 Sep 1997 19:05:37 -0400
From: N4JS <n4js@amsat.org>
To: qrp-l@lehigh.edu
Message-ID: <v03020904b038e38efc3f@[206.106.174.44]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well it passed 100 pretty quickly!

V. PENTICTON 10.7 CM FLUX
OBSERVED 07 SEP 102

John L. Sielke n4js@amsat.org n4js@pobox.com
n4js@qsl.net NJ Grid:FM29LN
http://www.qsl.net/n4js NJ-QRP #57
QRP-L #884 QRP-ARCI #9328 NE-QRP #507
G-QRP #9544 Norcal #1989 QCWA CQrp CQC ARS #243 FISTS #2781
Formerly: K3HLU, W7JEF, W4MPC, TF2WKT

Date: Sun, 07 Sep 1997 19:02:57 -0400
From: Clay N4AOX <wyn@worldnet.att.net>
To: jamesd1@flash.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [26338] Re: Conductivity of Oxides and Physics
Message-ID: <341332A1.7DD0@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Duffey wrote:

> I just love it when Physics stuff like this appears out of thin air.
> Can't resist one-upping you though Chuck. Although Silver oxidizes
> readily the oxide is relatively conductive, at least much more conductive
> than copper oxide. I don't have a Rubber Bible here at home, but will
> look them up at work. That is why Silver plating is commonly used at

> microwave frequencies; it is not because the conductivity is greater, but
> with the smaller skin depth at higher frequencies the oxide conductivity
> matters more, and the overall effect is much better conductivity with
> silver/silver oxide than with copper/copper oxide.

Darn,

I was just getting ready to hammer the guy and you beat me to it!
As a former relay engineer I can attest to your response. Silver
oxide is conductive relative to most other metal oxides. Aluminum
oxide, for instance, is a good insulator.

Alas, with our acid rain atmosphere, what forms on silver now days
is not always oxide but many times sulfides of silver which is not
so conductive. Gold seems more resistant to corrosion or formation
of oxides and sulfides, so we usually said that gold was a more reliable
contact material for infrequent low power switching. Gold, on the
other hand is expensive so we would gold plate over silver. This
worked well until silver migrated through the molecular spaces in the
gold plate and grew silver sulfide over the the outside of the
gold, thus rendering the contact useless.

72/73,
Clay N4AOX

Date: Sun, 07 Sep 1997 20:42:04 -0400
From: Richard Powell <ripowell@mpna.com>
To: qrp-1@Lehigh.EDU
Subject: [26339] Re: The Austin (TX) QRP Club lives! (A QRP Club)
Message-ID: <1.5.4.32.19970908004204.006bd34c@smtp.mpna.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Wow... I wish there were enough QRP'ers in Cincinnati to do that!
I am beginning to think I am it in a 50 mile radius!
/rick
WB6JBM

At 02:29 PM 9/7/97 -0500, k5hgb@flash.net wrote:

>The AUSTIN (Texas) QRP Club (A QRP Club) came to life Saturday morning
>at 10 AM.

>

>Thirteen brave souls decided it was, in deed, worth the effort and will
>be meeting at 10 AM on the second Saturday of each month for the purpose
>of encouraging QRP and Amateur Radio activities in the central Texas
>area. The meeting place will vary to spread around the spirit.

>
>In an effort to keep this thing as disorganized as possible, it was
>decided that there will be:
>
>1. NO Dues
>
>2. NO Officers, although members may appoint themselves to any club
>position they choose.
>
>3. Members can assign themselves A QRP Club member number they like. (I
>already got "Pi")
>
>Larry Wise, KA5T was recognized as: "The Grand Poobah Trouble Shooter,
>Par Excellence".
>
>The G QRP Club, George Dobbs(G3RJV) and Phoenix Crystals provided door
>prizes for the event!
>Their contributions are appreciated
>
>So if you are interested in joining our happy little band, please reply
>to this message and we will put you on our email distribution or watch
>the qrp-l list for future meeting locations.
>
>73 es cul
>
>gr
>
>CHARTER MEMBER of A QRP Club and
>
>HIS ROYAL HIGHNESS:
>
>GRAND, HIGH QRP MOGUL; POTENTATE PROTECTOR OF THE ETHER;
>KNIGHT DEFENDER OF THE MAYBE GATE; EXALTED POOBAH OF THE db;
>KEEPER OF THE MYSTICAL, DARK EMITTIN DIODE;
>and
>COMMANDER-IN-CHIEF
>ELECTROMOTIVE FORCES
>
>
>--
>GLEN REID
>K5HGB/M BGF
>Austin, Texas
>...in the beautiful hill country of TEXAS...
>
>Email: k5hgb@flash.net
>
>

>
>
>
>
>
>
>

Richard Powell WB6JBM TENTEN - 13044
ripowell@mpna.com <http://www.mpna.com/ripowell>

Date: Sun, 7 Sep 1997 17:38:49 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@lehigh.edu
Subject: [26340] Nice 15m Opening - 0030Z
Message-ID: <199709080038.RAA06448@usr05.primenet.com>

Howdy again Folks,

Terribly sorry if I'm getting annoying (well, more than usual :-)) , but ya know that 100+ flux? It just let me have a very nice ragchew with Jac (LU2YA - central Argentina) on 21.022 at 0030Z. Extremely nice fellow and likes to chat, running 90w. His exact words, "Always nice to work a QRP station."

Looks like I owe another top-notch DX op a beer. :-)

15m is open southward, at least from AZ. Bag a few while dinner digests!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"Veni Vertical Vamos - I came, I radiated, I left". -AB7TT

Date: Sun, 07 Sep 1997 20:39:52 EDT
From: kt3a@juno.com
To: ripowell@mpna.com

Cc: qrp-1@Lehigh.EDU
Subject: [26341] Re: The Austin (TX) QRP Club lives! (A QPR Club)
Message-ID: <19970908.201729.5415.0.kt3a@juno.com>

On Sun, 07 Sep 1997 20:42:04 -0400 Richard Powell <ripowell@mpna.com>
writes:
>Wow... I wish there were enough QRP'ers in Cincinnati to do that!
>I am beginning to think I am it in a 50 mile radius!
>/rick
>WB6JBM

What you do is like other clubs have done.
If there are no other amateurs in
your area interested in QRP, then
find at least one. Meet together,
and then make some more!
Our club here in PA started with 4
who were interested. Now we meet
with about 10 on a regular basis.
You would be suprised how many are
interested, once you start to look.
Start here, try packet, local ham clubs.
Ask around.
(Don't discount the local 2m repeaters).

Cameron C.R. Bailey <><
Amateur Radio, KT3A
kt3a@juno.com
Mount Wolf, Pennsylvania

Date: Sun, 07 Sep 1997 20:39:53 EDT
From: kt3a@juno.com
To: QRP-L@Lehigh.EDU
Cc: w3hms@aol.com, BobWicks@aol.com
Subject: [26342] New contest in 98!
Message-ID: <19970908.201730.5415.1.kt3a@juno.com>

Announcing a New Contest!
Sponsored by: QRP Society of Central Pennsylvania

Tired of trying to work those rare grid squares? Having a tough
time trying to get a new state because that last state has only
15,000 people and only 2 are hams? Are you a 6-land ham and

think no one needs another CA station?

Here is a contest where the multipliers are where the people are!!

The First Annual QRP TACtical Contest!!

This contest is based on the TAC principle. The thought came to me that there has to be a better multiplier other than state or ARRL section. I found one that already exists and changes with the population. It's the Telephone Area Code (TAC)!

Yes, you who are in CA, how many area codes are there?

Why even here in PA we have at least 5 of them. There are only 2 ARRL sections in this state.

Also, this contest marries the acronym TAC with the word tactical, which in Ham's language means "Field" or "Portable". This will be a warm up for Field Day, the most tactical event of the year.

Oh yes, since this is a warm up, it will be a sprint type of contest in duration. We want this to be the first contest for many hams, and that is why there is a Newbie category!

Here is the deal, this contest will be scheduled for June 6th, 1998.

All stations participating must be QRP.

You can work QRO stations, but they can not submit an entry.

This is a QRP contest. ;-)

Since this is tactical, Morse will be the language of the day.

HF and VHF bands may be used. No WARC, I'm a gentleman.

No repeaters, multiple transmitters one at a time are okay, single op entries only. Newbies may have an Elmer in shack or on site.

The Exchange will be Call, RST, Name, and TAC.

(Did you know Canada and several Caribbean islands have TACs?)

If you are outside the TAC, then you just use the country prefix.

Count one TAC per DX country!

If portable, then you use the area code of the nearest pay phone.

Now no jokes like using 800 or 900, they will not count.

And no, you can't use the TAC from your cell phone.

Maps of the TAC are available everywhere, use your phone book, address book, etc. More detailed rules and awards will be posted later.

Oh, since the contest is sponsored by the QRP Society of Central PA, TAC 717 is worth more points. (You knew that there to be something in it for us didn't you?)

There will be 5 categories. They are QRP(1 to 5 watts), QRPp(less than 1 watt), Tactical(Portable), Home-brew(You've built it),and Newbie(It's your

first contest ever). You may enter up to 4 of these. One winner will be in each category. More descriptions on the categories and rules to follow in

the coming months. Put it on your calendar now.

I can hear it now.... CQ CQ CQ TAC TEST DE

Cameron Bailey, KT3A
QRP Society of Central Pennsylvania
kt3a@juno.com
Mount Wolf, Pennsylvania

Date: Sun, 7 Sep 1997 18:57:20 -0600
From: wa5whn@juno.com
To: qrp-1@lehigh.edu
Cc: w5bi@flash.net, johnmb@mindspring.com, k5qq@aol.com, dandj@nmia.com,
n5oqj@juno.com, k5bis@aol.com, w5pdy@arrl.org, n7tx@primenet.com
Subject: [26343] Sept. 20th "QRP AField"/Certificates from Special Event Stn.
(long)
Message-ID: <19970907.185723.2742.0.wa5whn@juno.com>

qrp-1ers,

I had an extra 100+ certificates printed after the July 3 - 5 SES. We had wanted to work as many QRP Stations, as possible. Evidently, we had, but from the email, we had missed quite a few. The New England QRP Club's "QRP AField" contest is scheduled for Sept. 20, 1997. Details about this specific contest can be obtained by clicking on the following URL;

<http://www.dancris.com/~ki7mn/>

Then click on the "QRP Contests" icon, or You can contact Chet Bowles, W1CSB, bowles@cmf.org, and address Your' "QRP AField" questions directly to him.

W5BI & WA5WHN will be driving down to the SES (50th Anniversary of "The Crash at Roswell", which was concluded on July 5, 1997) site, on Sept. 19th. This site (maidenhead grid square: DM73ew) is in the photo @ the following URL;

<http://members.aol.com/JayMiller/index.html>

>From this site, we can overlook the entire Foster Ranch, where Mac Brazel had come across the crash of a UFO, July 3, 1945, ~ 15 miles east of where we will be, again. The actual crash site is 27.5 miles SSE of Corona, NM, on the old Foster Ranch (private property). As we had stated last July, believe what You want, we were just out having fun.

We will NOT be operating in SES mode, during the "QRP AField" contest,

however, if You want a certificate, after our 2 X QRP contact (quite a few of You, on the QRP-L, already have this same certificate, from the July event), just send us, via the postal system, a QSL card. If You don't want the certificate folded, in thirds, send a 9" X 12" SASE (55 cents - US postage), otherwise, no SASE is required. You can send the QSL card to my home QTH. I will be using my own callsign. I am good in any USA callbook since 1978. For the DX stations, please, don't send a QSL via the bureau. There may not be any certificates left. Please, send them direct.

Again, this is NOT a SES, but we will be operating from that same site. So, those of You who had missed us on July 3 - 5, 1997, well, you will have a 2nd chance (QRP only). The goal is to work only the QRP Group, since alot of you were shut out, because of the thousands of stations calling in July & the ionospheric conditions were not favorable. This will be on a first come, first served basis. So, if You work us (2 X QRP) on Sept. 20th, during "The QRP AField" contest, and want a SES certificate, drop us (W5BI & WA5WHN)) a QSL card. We will be using our own callsigns.

We will be on cw (~ 7.040 MHz, ~ 14.060 MHz & ~ 21.060 MHz) & for the New Mexico Crowd, we will occasionally monitor the Mega-Link frequencies. In July, we had only worked 1 NM station, from Raton, NM. However, care to guess how many email messages we got, from NM stns, who could hear people calling us, but could not work us ? We had sent out over 700+ certificates. We had lost count, because the US Post Office would complain that our PO Box was full. Honest, someone had picked up the mail everyday. :-)

1 QRP station had worked us more times, than anyone else. That Individual was N7TX, Steve Thompson (40 cw QRP, 40 SSB, plus he worked WB5LYJ, WA5WHN & W5BI separately). 7 stations had worked (In Kansas) us on both 20 & 40 meters SSB, in July.

72...Jay, WA5WHN

PS Has anyone read the book "One Point Safe" yet ?

Date: Sun, 7 Sep 1997 21:40:31 -0400 (EDT)
From: aa8yo@tir.com (Robert J. Fox)
To: qrp-l@Lehigh.EDU
Subject: [26344] NN50CIA
Message-ID: <199709080140.VAA00832@sun.tir.com>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Hi Gang,

What is NN50CIA? Just worked 'em on 7.002.....

Bob / aa8yo@tir.com

Date: Mon, 08 Sep 1997 01:48:38 +0100
From: "Brian K. Short" <shortckt@primenet.com>
To: aa8yo@tir.com, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [26345] Re: NN50CIA
Message-ID: <3.0.3.32.19970908014838.010576fc@mailhost.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

CIA 50th Birthday Special Events Station

The Cat is Out of the Bag :)

>What is NN50CIA? Just worked 'em on 7.002.....

k7on@qsl.net >or< <http://www.qsl.net/k7on>
Brian Short 1994 E Laguna Dr Tempe, Az 85282 (602)839-3484
COLLECTOR: RTTY Terminal Units, SSTV, and Older Yaesu Gear

Date: Sun, 7 Sep 1997 21:55:32 -0400
From: "Rick LaBanca" <rickl@loa.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [26346] Re: NN50CIA
Message-ID: <199709080152.VAA152445@nss2.CC.Lehigh.EDU>
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Finally a question I can answer (being new back into this stuff). I by

chance saw it somewhere on the web that that's a special CIA station because of a 50 year anniversary. Maybe it was on the fcc pages.

Rick LaBanca kaleze

Date: Sun, 7 Sep 1997 21:23:22 -0500
From: "Mark A. Andrews" <KE4IOF@HiWAAAY.net>
To: "QRP-L" <QRP-L@Lehigh.EDU>
Subject: [26347] Cedar Rapids? QRP? Coffee?
Message-ID: <199709080224.VAA07980@fly.HiWAAAY.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I'm currently TDB in Cedar Rapids, IA. Are any of you in the area up for a cup of coffee one evening?

Mark

Mark A. Andrews, KE4IOF - Amateur Radio Operator
QRP-L #146 and Libertarian

"Whether You Think You Can Or You Can't,
You're Right!"

Date: Sun, 7 Sep 1997 20:56:07 -0600 (MDT)
From: "Thomas J. Whalen" <whalen@swcp.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [26348] OHR Spirit, Spud gun
Message-ID: <Pine.SUN.3.91.970907204243.16808A-100000@kitsune.swcp.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello Fellow QRPers! Finished the OHR Spirit last week and had to wait till last night to get over to my buddies house to tune it up. Tune up went without a hitch so took it home and fired it up. Called CQ and my first contact was with W5JAY, Jay and he gave me a 559. This receiver in this rig is HOT, and it is an older(1993) design! The filter is great and

runs circles around my 706! Looking forward to using this rig in the QRPTTF! Thanks OHR for a nice kit and am looking forward to building a OHR 100.

My son and I built a spud gun and this thing is POWERFUL! I thought about using it to launch a line into a tree, but NO DICE. This thing will pull the line out so fast that it is sure to brake it! Maybe I could use some 1/4 inch nylon HIHI! My spud gun fires the spud approx. 150 yards and even has a kick to it! Certainly not a toy, so be careful. I compare it to the bean bag shotguns that the police use to stun a stubborn individual! 72, Tom WB5QYT

Date: Sun, 07 Sep 1997 23:27:11 -0400
From: VE3JC John <jbcumming@wwdc.com>
To: qrp-l@lehigh.edu
Subject: [26349] Fleamarket goodies
Message-ID: <3413708F.BC0@wwdc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I picked up a couple of items at recent local fleamarkets (I'm a real sucker for "unique" items, especially when they're cheap!) Wondering if anyone can help shed some light on their origins.

Item 1 - a "ganged" pair of roller inductors - on a phenolic frame- they are gear-driven so that inductance on each coil is the same. The wipers are common and shorted to the base, ie:

```
(      (
(      (
(<----->(
(      |      (
(      |      (
(----->(
```

Anybody know what this might be out of, or care to suggest an interesting project to put it to use ? each inductor is about 2" dia and 3 1/2" long, 36 turns (about 34 uH max by my calculation)

Item #2 - a set of 6 "mast sections" (each 3'2" long) that thread together to make a neat 19' vertical. They are painted black, with knurled colour-coded ends. Top one is about 1/8" dia, bottom one about 1/2". Seems to be copper under the black paint, but they don't weigh much. They're labelled "MS-50", "MS-51", etc. One says "HEPCO", another says "WARD 12221-PHILA-43". I'm curious to know what these were

originally manufactured for, and since the bottom section is also threaded I wonder if larger sections are available.

Any information on either of these items would be appreciated.

Have a great week

72/73, John

VE3JC - JOHN CUMMING

192 WELLINGTON ST. DELAWARE, ON CANADA, N0L 1E0

Date: Sun, 07 Sep 1997 22:08:09 -0700
From: "Dennis L. Edinger" <dedinger@ecentral.com>
To: qrp-l@lehigh.edu
Subject: [26350] Screddriver Ant Plans and Drawings?
Message-ID: <34138839.35AF@ecentral.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Guys,

Some months ago, there was a thread that included information on where to get plans for building the Screwdriver Antenna that included the Drawings for machining the coil form. At the time, I didn't think I'd need them and now I do.

Can anybody give me a help here, either with the documents themselves or a source or sources for them?

72,

de Dennis/w0gd

Date: Sun, 7 Sep 1997 21:30:46 -0700
From: Peter Chow <pchow@cisco.com>
To: larsennc@alaska.net, qrp-l@Lehigh.EDU
Subject: [26351] Re: OHR WM-2 Wattmeter
Message-ID: <199709080430.VAA07816@waterboy.cisco.com>

I also finished my WM-1 a couple of weeks ago. Thanks to all the help I got when I asked for a manual. This group is just amazing.

I'm impressed with the WM-1, but I am more impressed with my OHR-CL2040. I got both kits from a friend of mine which never quite finish it. The only complain I have is the kit is not meant for beginners and that's why that friend of mine gave it up.

72,
Peter/N6YD

Date: Mon, 08 Sep 1997 04:43:41 +0100
From: "Brian K. Short" <shortckt@primenet.com>
To: BitBucket@QTH.Net, qrp-l@Lehigh.EDU
Subject: [26352] [Lowfer] Lowfer Mailing List
Message-ID: <3.0.3.32.19970908044341.01112434@mailhost.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

--

>>>> info lowfer
Lowfer is a mailing list (reflector) devoted to the discussion of Lowfer, the 1750m band (160-190khz) and the United Kingdom's new 73khz band.

- * Monitoring Activities, Beacons, NDBs, etc
- * FCC Part 15 Operation
- * Digital Techniques
- * Coherent CW, BPSK, DSP
- * Natural Radio Signals
- * Equipment and Antennas
- * Construction, Commercial Gear, Modifications
- * Anything Lowfer Related

To join the mailing list, send email:

TO: majordomo@qth.net
SUBJECT:
BODY: subscribe lowfer

To be removed from the mailing list:

TO: majordomo@qth.net

SUBJECT:

BODY: unsubscribe lowfer

To post information/questions to the list:

TO: lowfer@qth.net

This mailing list is sponsored by Al Waller (K3TKJ).

Please address any questions to: n4js@qsl.net

>>>>

Date: Mon, 8 Sep 1997 01:51:05 -0400 (EDT)

From: Scott Bauer <ke3nv@erols.com>

To: qrp-1@Lehigh.EDU

Subject: [26353] The WARC needs IOTA info

Message-ID: <199709080551.BAA19199@smtp1.erols.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Hello Group,

I wonder if anyone knows if Fenwick Island, Delaware can be counted as IOTA NA-139. My IOTA directory is pretty old and only mentions 139 as MD/DE east with no listing for DE. I do know that Assateague Island MD is also NA-139.

I plan a trip to Fenwick and Assateague Island on Sept 28 through Oct 2. The call sign W3DV will be used for this small event. Just in case anyone is interested, W3DV is Woodwardville Amateur Radio Club. The WARC for short. Our goal is to operate portable from "off the wall" places such as Lighthouses, US Islands, IOTA, hog farms, ect. QRP, of course! Any help with the IOTA will be greatly appreciated.

Best Regards, Scott W3CV

72&73 de Scott Bauer W3CV, Odenton, MD. grid FM19. Formerly KE3NV

" You may be on the right track, but will get run over if you just sit there".... Will Rodgers

visit my web page at <http://www.erols.com/ke3nv/>

G-QRP 8773 QRP-L 728
NORCAL 1094 DL-QRP-AG *GM*
CQC 352 QRP ARCI-8804
scQRPion 38 AR-QRP 27
 WARC QRP NUMERO UNO
 CW OPERATORS QRP CLUB 484, FISTS, ARRL

Date: Mon, 8 Sep 1997 08:06:00 -0400 (EDT)
From: aa8yo@tir.com (Robert J. Fox)
To: qrp-l@Lehigh.EDU
Subject: [26354] THANKS!!!!
Message-ID: <199709081206.IAA02017@sun.tir.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

THANKS!!!!

To all who responded to my question regarding NN50CIA.

This group is awesome..... :-)

72,

Bob / aa8yo@tir.com
FISTS #3056 QRP-L #1174 QRP-ARCI #9487

Date: Mon, 8 Sep 1997 09:05:58 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [26355] Monstrous throng of QRPers at Gaithersburg
Message-ID: <Pine.LNX.3.95.970908085759.6717A-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

W3GX, N3BJ, K3TKS, N3XRV, WR4I, W6TOY, WA8MCQ, myself, KD3FG, W3TS, and
some others I'm sure I'm forgetting, including a QRP-L lurker named Larry
whose call escapes me now...

This hamfest represented a resurgence of AMATEUR RADIO at hamfests. After
many years of being invaded by computers, apparently computers are now SO

commonplace that there are relatively few vendors desiring to show up (compared to past years, which is just fine by me).

SUPERB weather (80 and sunny)
LOTS of AMATEUR gear (prices ran the gamut)
NO surplus of "crap" (really - lots of good stuff)

The selection of 145.49 simplex as a "calling frequency" worked pretty well! And yes, I blew my entire wad of spending money in the first 60 minutes I was there :)

To W5VB0:

Remember Tuthill?

I got a base for my Panavise ckt board vise for \$5.00!!! Yippee!

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 80 grids worked on 8 watts *** HF 140 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** Hamfest, life's simple joy *

Date: Mon, 8 Sep 1997 08:12:07 -0500
From: kreinbd@ccgate.dl.nec.com (David Kreinberg)
To: qrp-l@Lehigh.EDU
Subject: [26356] QSL for 3B8CF
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Description: cc:Mail note part

Gang,

Well, took advantage of the good condx over the weekend.

Being new to DX QSLing, I need some help with this one. I worked 3B8CF (Mauritius Island) on 6 Sept. on 30m. He asked to QSL direct.

In looking up the address info, here is what I find:

3B8CF - Seewoosankar Mandary
6 Shastri Road
Candos, Quatre Bornes

Is this a complete address for the postal service? Do I need to place Mauritius Island on the envelope, or is this address info sufficient?

Many thanks to all.

Things are looking up lately, are they not?

73 de Dave NR3E/5
nr Dallas, TX
qrp-1 #25, Winner:1997 Texas QSO Party, QRP
WIMPS: Qs=058 30m=042 17m=11 12m=05 States=027/06/04
DX=03/02/01

Date: Mon, 8 Sep 1997 08:23:13 -0500
From: Brian Cieslak <brianc@ams-i.com>
To: "'kb0rol@juno.com'" <kb0rol@juno.com>
Cc: "'QRP-L'" <qrp-1@Lehigh.EDU>
Subject: [26357] Radio and Scouts
Message-ID: <50F91F96FB1FD11191C100A0C95B2937ED11@COMMSERVER>
MIME-Version: 1.0
Content-Type: text/plain

I beleive the code practice osc. project in the merit badge book is availabel from FAR electronics.

I have been running a Jamboree on the air station for several years now with a good turn out. I even issue the merit badge card with the visit to a ham station requirement (iI don't recall the element) signed off. I get patches for all that visited and gather up the QSL's I received for each scout and present them at parent/scout dinners (to make a big deal of it). But not one has come back to finish off the badge. When I discussed this with some leaders and parents I was surprised by what they said. "Its not a required badge for Eagle scout so they won't waste their time on it. they'll only choose whats required."

I've had the same result with the astronomy merit badge.

Brian AE9K

Brian Cieslak
Project Engineer

Adaptive Micro Systems
Milwaukee, Wisconsin

Date: Mon, 08 Sep 1997 08:47:28 -0500
From: Jim <kj5tf@mctc.com>
To: qrp-1@Lehigh.EDU
Subject: [26358] Arkansas 40M QRP Tuesday evening
Message-ID: <341401F0.2AAE@mctc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi, a little reminder about the new AR QRP net on 40M this tuesday.

We will meet at 6:30pm, on 7.042 - 43mHz + - QRM or 23:30Z 9
September.

Bob N9ZZ will be takeing a turn at NCS.

I will be mobile near Fayetteville, AR. and trying to check in with
my SWL-40 @ 2.5 watts. If that works I'll try my 49er @ 1.2 watts!

Good luck to us all! The net will run every tuesday, de Jim ar qrp #2

Date: Mon, 8 Sep 1997 10:54:57 -0400
From: pthomson@bruderhof.com
To: qrp-1@Lehigh.EDU ("Low Power Amateur Radio Discussion")
Subject: [26359] Re: More battery gibbering & queskins, among other stuff
Message-ID: <921114348100001F5CAB@mail.bruderhof.com>
MIME-Version: 1.0
Content-type: text/plain; charset="ISO-8859"
Content-disposition: inline
Content-transfer-encoding: 7bit

kjlopez@earthlink.net wrote:

NilsBull@aol.com wrote:

After about an hour or so of just sitting there letting noises out of
> the speakers, the batts seem to go south. VCOs unlock. Digital shaft encoders
> don't shaft or encode. Life becomes complex. I plug in a direct 13.6 VDC to

> the radios and all is well in radio land.
>
> 2. The batts in use right now are two 6-V, 4.5 Ahr batts

Nils, How much current does that radio draw with the audio volume up?
At 2 amps it would draw the batteries down enough to drop the voltage under 12 volts in one hour or so. I know from personal observation that gell cells are only good for about half their rated capacity before the voltage starts to drop below 12 volts. That is, if they are new. If very used, the capacity is less.

- - -

Another point: The amp-hour ratings on sealed lead-acid batteries are usually specified for a 20-hour discharge. If you discharge them faster than 1/20 of their rating (225 mA in this case) you will get less than the expected life. My IC751A draws a tad over 2A in receive; I use a 7 AH battery which is good for about 2 hours of reception.

72 de KA2QPG,
Pierre Thomson

Date: Mon, 8 Sep 1997 11:19:17 -0400
From: "Watson R Gabriel Jr" <wgabriel@duke-energy.com>
To: qrp-1@Lehigh.EDU
Subject: [26360] Portable Light Sources to Investigate
Message-ID: <8525650C.00518DC4.00@dpcmail.dukepower.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Some time ago there was some discussion about things to use for portable, battery-powered light sources for night-time operations. I ran across some info I wanted to pass along so that those who are interested could do some practical "research" on the matter. I don't have any reason to delve into this myself right now.

I recently got a new catalog (No. 97-C) from Hostfelt Electronics (888-264-6464 or 800-524-6464). In it are some interesting items that might be worth looking at:

On Page 4 - a new product offering for "Micro-Light Key Rings". Size is 1.625x1x0.25 inches. Light source is a high intensity LED with 8 candella (yes, 8,000 mcd) brightness. Powered by a CR2032 lithium battery which is replaceable. Pushbutton activated. Available in LED colors of yellow, red,

white, blue, and green. Advantage here is that something is already "built". You could remove the attached key ring if not needed. Case is black plastic. One battery is included. Cost for yellow and red is \$8.95. Other colors are \$14.95. Extra batteries are \$1.15

On Page 101 - a bunch of different super/ultra bright LEDs for building your own source. These are made by Toshiba and are 5mm or 10mm units. Here's a list:

Hostfelt No. Vdc@Current	Size	Color/Brightness Cost Ea.	
26-277 0.75	5mm	Orange/3000mcd	2v@40ma
25-249 other 5mms 0.99	5mm	Red/3000mcd	not listed but same type as
25-284 2v@30ma	5mm	Yellow/2500mcd 0.99	
25-253 2v@40ma	10mm	Yellow/6000mcd 2.50	
25-276 3.49	10mm	Orange/18,000-36,000mcd	2v@60ma

Enjoy for whatever it is worth. Watson/WB4EXW

Date: Mon, 08 Sep 1997 09:28:39 -0600
From: "Phil, K6LS" <k6ls@qsl.net>
To: qrp-l@Lehigh.EDU
Cc: vhf@w6yx.stanford.edu
Subject: [26361] SO, you want manuals do ya???
Message-ID: <34140B97.46E4@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Have seen postings for people wanting a manual for one rig or another, Well, find a source I did...

<http://www.sarrio.com/sarrio/rsman3.html>

Mind you that this list is in no way complete, Just a web site I

ran across... no conection...blah, blah, blah....

--

73 de Phil, K6LS/0
QRP-L #612 NorCal #824
CQC #471 ARCI #8866
k6ls@qsl.net <or> k6ls@amsat.org
DM79or, Arapahoe County, Colorado
ITU zone 7, CQ zone 4
<http://www.qsl.net/k6ls>
Corrective eyewear recommended due to
the warped sense of humor on this end.

Date: Mon, 8 Sep 1997 09:36:19 +0000
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, whalen@swcp.com
Subject: [26362] Re: OHR Spirit, Spud gun
Message-ID: <199709081536.JAA06338@bobcat.sni.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

>> My son and I built a spud gun and
this thing is POWERFLUL! <<

Plans, please! [g]
73
Marshall Emm
N1FN/VK5FN
n1fn@mtechnologies.com
<http://www.mtechnologies.com/mthome>
(303)752-3382

--

Date: Mon, 08 Sep 1997 09:09:11 -0700
From: Bill Todd <bill@techline.com>
To: wgabriel@duke-energy.com
Cc: qrp-l@lehigh.edu
Subject: [26363] Re: Portable Light Sources to Investigate
Message-ID: <1.5.4.32.19970908160911.006efe48@mail.techline.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 11:19 AM 9/8/97 -0400, you wrote:

>

>Some time ago there was some discussion about things to use for portable,
>battery-powered light sources for night-time operations.

Check out the August "NWQ" Newsletter on the NW QRP Club Web Page.
Bill, N7MOB built a camping light that works great!

One of your light sources you listed in your recent post, might work
better than the Mouser part Bill used.

CUL, Bill-N7MFB
<http://www.techline.com/~bill>

Date: Mon, 8 Sep 1997 12:22:53 -0400 (EDT)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-l@Lehigh.EDU>
Subject: [26364] Re: Green Chile and Audio Filters
Message-ID: <Pine.LNX.3.93.970908121319.880A-100000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 7 Sep 1997, James R. Duffey wrote:

> Oh yeah-Does anybody know where I can get the once ubiquitous but now
> seemingly vanished 88 MHy telephone torroid inductors?

Don't know about 88's but All Electronics (<http://www.allcorp.com>) has
100mH for \$1.50-1.25 depending on quantity. They're axial lead, 0.42"
diameter and 0.64" long, ferrite core, 29mA, 278 ohms, close enough? Also
list a 2500-4000 mcd @ 20mA LED's (red) two for \$1.20 Can't vouch for
the website, I'm just looking through the catalog I got Saturday :)

UDA
[Usual Disclaimer Applies]

-- Chris Cartwright,	Technical Engineer	ccart@vidtel.com	--
-- N3XRV	QRP WAS 17/9 (w/c)	ccart@erols.com	--

```
-- QRP-L #655 NORCAL #1891 QRP-ARCI #???? | http://dns.vidtel.com/~ccart --
-- WIMPS O's=04 30M=04 17M=00 12M=00 STATES=03/00/00 DX=00/00/00 QSL's=00 --
```

Date: Mon, 08 Sep 1997 12:23:35 EDT
From: kt3a@juno.com
To: JayMiller@aol.com
Cc: qrp-1@Lehigh.EDU
Subject: [26365] Re: Tic for Tac contests
Message-ID: <19970909.120112.10975.0.kt3a@juno.com>

Jay,
Yes, I'm ready for the humor.
I was asked if we could do one in December too.
Maybe a YAC? (Yet Another Contest)
With a name like that, of course, it would have to
be a SSB contest!

Cameron C.R. Bailey <><
Amateur Radio, KT3A
kt3a@juno.com
Mount Wolf, Pennsylvania

```
On Mon, 8 Sep 1997 08:46:47 -0400 (EDT) JayMiller@aol.com writes:
>Cameron,
> Ah, the humor this will generate.[snip]
```

Date: Mon, 08 Sep 1997 12:27:05 -0400
From: Ed Tanton <n4xy@bellsouth.net>
To: wgabriel@duke-energy.com
Cc: "Low Power Amateur Radio Discussion" <grp-l@lehigh.edu>
Subject: [26366] Re: Portable Light Sources to Investigate
Message-ID: <3.0.1.32.19970908122705.00ad8100@mail.atl.bellsouth.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have some of the 10mm ORANGE LEDs and they are ** BRIGHT **!!!!

Ed Tanton N4XY EMAIL: n4xy@bellsouth.net
189 Pioneer Trail
Marietta, GA 30068-3466 TEL: (770)579-3933 V/MBX/FAX

QRP-ARCI #7663	G-QRP #6779	OK-QRP #172	QRP-L #758	
AdvRC #140	NORCAL #1779		NCDXF	SEDXC
Life Member:	ARRL	AMSAT	INDEXA	QCWA

INTERESTS: DX QRP BoatAnchors Test Equipment Photography
 CW: 99.9% QRP: 95-100% (Mood swings!) Mercury Paddle #0214

~~~~~  
 "Think you can, think you can't: either way you're right!" Henry Ford  
 ~~~~~

 Date: Mon, 08 Sep 1997 09:46:07 -0700
 From: Elliott Lawrence <edl@pacbell.net>
 To: qrp-l@Lehigh.EDU
 Subject: [26367] 88 MH Inductors
 Message-ID: <34142BCF.1FA2@pacbell.net>
 MIME-Version: 1.0
 Content-Type: text/plain; charset=us-ascii
 Content-Transfer-Encoding: 7bit

Somewhere in my collection of good "junk" I think I have some 88 mh
 telephone type inductors that used to be used for passive rtty filters
 etc. If anyone is interested let me know and I will try to find them.
 Contact me directly and we can discuss the price etc.

72/73
 Elliott WA6TLA

 Date: 08 Sep 1997 12:53:52 -0400
 From: Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
 To: n4xy@bellsouth.net
 Cc: qrp-l;;
 Subject: [26368] Re: Portable Light Sources to Investigate
 Message-ID: <1997Sep08.125352-0400@[130.113.234.7]>

In <3.0.1.32.19970908122705.00ad8100@mail.atl.bellsouth.net>, Ed Tanton wrote:
 >I have some of the 10mm ORANGE LEDs and they are ** BRIGHT **!!!!

"Candela" is a unit of apparent visible brightness. Its what you see
 with your eye, rather than what a photometer measures. So you can use

candela, or millicandela (mcd) ratings to compare different LEDs of different colours.

However, candela doesn't address how much focussing the LEDs' plastic lens does...you'll find that the brightest LEDs, with the highest candela ratings are highly focussed so that they illuminate only a small area.

And you have to be careful about the current that the LED is rated for. Many LEDs have their candela ratings measured at 20 milliamps, or perhaps 40 ma....some LED chips are bigger than others. LEDs can be efficiently used at currents lower than their rating; light output is proportional to LED current. A LED becomes inefficient at higher currents, wasting current into heat, rather than light.
....more dweeb stuff for the curious.

Date: Mon, 08 Sep 1997 10:01:48 -0700
From: Ed Loranger <we6w@qsl.net>
To: phreique@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [26369] Re: 10 MHz/UTC Receiver
Message-ID: <34142F7C.6D37@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I didn't see any challengers so have the correction below...
-Ed L.

phreique@juno.com wrote:

>

> Frank,

> I think the equation for figuring out the values for the preselector are
> $f = \text{SQRT}(LC)$ or $L = 1 / f^2 C$ or $C = 1 / f^2 L$ where L is in
> Henrys, C is in Farads, and f is in Hertz. Am I too far off guys?

$F = 1 / (2 * \text{PI} * \text{SQRT}(LC))$ You can derive L and C from this.

> It's been a long time since I've done electronics math. :-)

>

Forgiven!

> -Sterling W. Lombard (The Phreique) KB7JTZ

> <http://www.primenet.com/~slombard>

>

-Ed Loranger

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8;OHR-100, Pixie2, Johnson Viking II w/VF0.
QRP-L#1068/Norcal#2227/ARS#275/ARCI#9397 grid CM88ok
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Mon, 8 Sep 97 13:23:57 EDT
From: jeverhar@camden.lmco.com
To: we6w@qsl.net
Cc: qrp-1@Lehigh.EDU, n2cx@voicenet.com, njqrp@njqrp.org
Subject: [26370] Re: 10 MHz/UTC Receiver
Message-ID: <9709081723.AA08965@train11.CAMDEN.LMCO.COM>

Ed, you wrote, in part:

$F = 1 / (2 * \pi * \sqrt{LC})$ You can derive L and C from this.

One of my favorite approximations came from Wes Hayward, W7ZOI.

He took the usual resonance formula, rearranged it with simplification and came up with

$$F = \sqrt{25330 / LC}$$

Where F is in MHz,
L is in microhenries
and C is in picofarads

By rearranging, you can also use

$$LC = 25330 / F^2$$

Where F^2 is F "squared" or multiplied by itself.

The beauty of these approximations is simplicity. You don't need a to use scientific notation (yeah, I'm an EE, but...) nor do you have to keep track of units like MHz, Farads and Henries. A simple four-function calculator is fine! Results are only good to 5 significant digits, but what ham can measure better than that at home?

72/73,

Joe E., N2CX

CQrp #15 NJ-QRP #50 AK-QRP #52 NW-QRP #454 FISTS #3184
Personal Web Page: <http://www.geocities.com/capecanaveral/9773/>

Date: Mon, 08 Sep 1997 11:45:22 -0600
From: John Evans - N0HJ <jaevans@codenet.net>
To: qrp-1@Lehigh.EDU
Subject: [26372] New Norcal Kit ????
Message-ID: <341439B1.C9385FC8@codenet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings,

OK, the Sept Norcal meeting has come and gone. Those of us out in
Inet-land are dying to know what the new kit project is!!!

I am in suspense.

john

John A. Evans	Chief Systems Administrator
Office: (719) 528-1800 x164	Titan Software Systems
Fax: (719) 528-1888	1115 Elkton Drive, Suite 200
email: jaevans@cos.cst.titan.com	Colorado Springs, CO 80907-3535

Norcal #262 QRP-L #219 QRP-ARCI #8303 NE-QRP #213 CQC #045
CQrp #15 NJ-QRP #50 AK-QRP #52 NW-QRP #454 FISTS #3184
Personal Web Page: <http://www.geocities.com/capecanaveral/9773/>

Date: Mon, 8 Sep 1997 11:35:08 -0700 (PDT)
From: Bob Okas <vintage@best.com>
To: John Evans - N0HJ <jaevans@codenet.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Date: Mon, 8 Sep 1997 11:16:00 -0500
From: Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
To: qrp-1@Lehigh.EDU (Receipt Notification Requested)
Subject: [26374] Re: 20 meter Beacon ?
Message-ID: <M2029426.003.7e9n2.1.970908190323Z.CC-MAIL*/OU=LMPCC4/OU=ILBB/
PRMD=MOT/ADMD=MOT/C=US/@MHS>

I hear the KFS beacon here on San Francisco Bay at times. Mostly on 40m, as that's where I spend most of my time. Thought it was an image or something on 01' Kenwood, but hear it on my QRP++ also. Just shows up occasionally, maybe a spur at their end due to bad tune up procedure?

Never strong enough to be a source of interference. Any decent signal would override it.

73, Bob N6WG

Date: Mon, 8 Sep 1997 11:57:00 -0500
From: Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
To: jamesd1@flash.net (Receipt Notification Requested)
Cc: qrp-1@Lehigh.EDU
Subject: [26375] Audio filters
Message-ID: <M2029427.004.7e9n3.1.970908190323Z.CC-MAIL*/OU=LMPCC4/OU=ILBB/
PRMD=MOT/ADMD=MOT/C=US/@MHS>

Jim:

Quite a question list. I can swing at a few of them.

1__Bandwidth. Two, one for search and one for working. Search never more than 500 Hz, whether IF crystal filter in 01' Kenwood, external SCAF filter or DSP 59+ filter. For working, it depends on conditions. If the freq is clear but noisy, I find the QRP++ at 100Hz backed up by the DSP 59+ at about 400-700 Hz BW with noise reduction on seems to do best. If QRM is in the broader passband, then screw down the DSP 59+ bandwidth as necessary.

With 01' Kenwood, I search at 500 Hz BW and work at 270 Hz BW (using the IRC filter I bought instead of the Kenwood 270 Hz CW filter). Variable bandpass tuning and RIT allow me any received pitch that seems most comfortable at the moment. In a pinch I also run the DSP 59+ on 01' Kenwood.

2__Audio pitch. I find it varies with conditions and whether I'm on speaker or using phones. With a resonant speaker (cardboard tube style), I favor a higher pitch, maybe 800 Hz or so. In a noisy background, sometimes I find a low pitch

easier to copy as the filters cut way back on a lot of the hiss and crackle. Definitely not a situation where one pitch fits all. Also, I notice room acoustics affect this when using a speaker. It sounds much different in my garage shack compared to outdoors on FD.

3__Why use an audio filter? Depends on conditions, which rig I'm using, etc. The SCAF filter in my QRP++ is not as sharp as my DSP 59+, so almost always use them together, either for additional filtering and noise reduction, or sometimes just noise reduction. As you probably know, Jim, the QRP++ starts with a 50 MHz IF with an SSB bandwidth of around 3 kHz, then uses the SCAF to narrow to 100 Hz (claimed but nowhere near as sharp as DSP 59+ at 100 Hz). So the DSP 59+ becomes the ultimate narrowest bandwidth in the chain as needed. I routinely run the DSP 59+ at 200 Hz BW or less when used for selectivity.

7__Lowpass filters. The few lowpass filters I've looked at seem to be elliptical filters, rather than simple pi filters. Steep cutoff, then consistent high attenuation. I have tinkered with a few, but the choice of available inductors wasn't up to the task. Probably easier to implement with active filter sections.

8__Passive filters. Yes, I've cobbled together a number of passive filters. Really tough to find the appropriate components to build passive filters, though. I scrounge a lot in the surplus stores and flea markets, and grab up any inductor that looks interesting, then check it out on my L-C-R meter at home. Within my limited knowhow, I find the passive filters quietest. A low noise audio amp following is needed to make up for the insertion loss, though, especially when going for significant selectivity. Your point of using new low-noise active devices may be valid, just don't have the experience to say.

9__SCAF artifacts. I have a commercial SCAF filter built by a ham and sold through QST ads some years back. Does a very good job as an outboard filter. When I insert it in the audio chain of my QRP++, though, between the product detector and the first AF amplifier, its clock does appear in the audio output. Narrowing the QRP++ SCAF to 100 Hz seems to cut it out though.

10__DSP filters. I have both the DSP 59+ and the NIR 12 DSP filter. Each has its strengths and weaknesses. I use the DSP 59+ mostly, because its controls are much easier to work with. The NIR 12 has a low-pass filter in its audio output section that reduces the harshness of the filtered cw audio a bit, making it a bit easier to listen to. Both provide superior audio filtering, when listening to a stable signal! At the narrower bandwidths, you really notice any drift, whether in your receiver or the TX you are receiving.

Just for curiosity, I have cascaded the two DSP units, and the effect was interesting. I could use one to optimize noise reduction and the other for selectivity. Was a bit noisy with two units in cascade, though.

__Vanishing 88 mH toroids. They can still be found in flea markets

occasionally. I think most of the telcos have retired the circuits that they were used in, though, so probably not a large remaining stock still in service.

Hope this is of some use to you, Jim.

73, Bob N6WG

Date: Mon, 08 Sep 1997 12:01:04 -0700
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Cc: we6w@qsl.net
Subject: [26376] Re: Help for college Ham club needed
Message-ID: <34144B70.511@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Searched the archives for the original post, couldn't find it.

The fella asked about two-way morse code paractice hardware and what to build so the students could send code at some distance, via wires.

I had recommended two pixies wired together with an attenuator in-line. Later when they got their licenses, they could use the rigs.

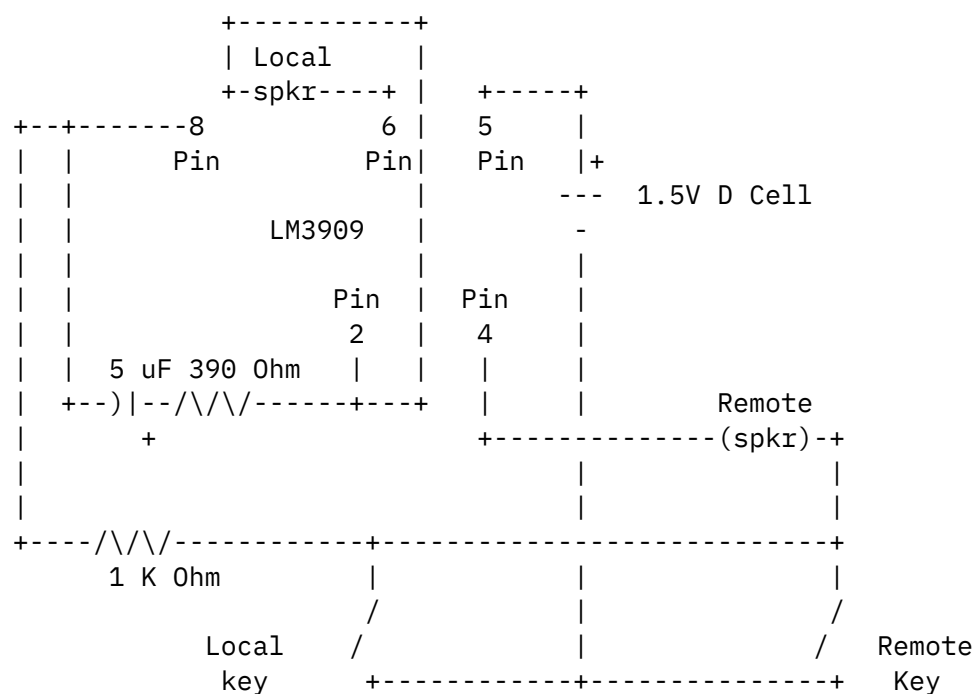
I still like that idea, but searched all week for a simple and reliable project, with minimum parts.

I found it in "1001 More Electronic Projects " (Don't know if I got the title exactly.

Anyway, here's the circuit to allow up to 200 feet between the senders via a 24 or so AWG wired connection.

Parts:LM3909, 1.5V D cell battery, 2 each 8 Ohm spkrs,
5uF electrolytic cap, 390 Ohm Resistor, 1K0hm Resistor,
22 Awg bellwire, two keys or push button SPST switches.

Crude ASCII DWG:



Hope the requestor finds this useful.

72 de Ed Loranger

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)

HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.

QRP-L#1068/ARCI#9397/Norcal#2227/ARS#275/AR#112 grid CM88ok

mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Mon, 8 Sep 1997 14:03:24 -0500

From: wmcshan@REX.RE.ouhsc.edu (Mike McShan)

To: qrp-l@Lehigh.EDU

Subject: [26377] Re: New Norcal Kit ????

Message-ID: <v01540b01b039fb7095e3@[157.142.56.167]>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

>Hi John and the rest of qrp-l!

>

> Doug swore us to secrecy, mumbling something about hit squads that
>would stick pins in your feedline if word leaked out. All I can say is
>this, you could be up the creek without one! Qrp stations without such an
>accoutrement would be like a Mississippi steamboat without an, err, well,

>um, ahh...
>
> Time to encase my coax in conduit!!
>Bob - W3CD
>

Ha! You can't fool us! We know that the project is really the NorCal
Spud-Gun Antenna Launcher. ;)

72,
Mike N5JKY

Date: Mon, 08 Sep 1997 13:03:39 -0600 (CST)
From: Bruce Rattray <rattray@siast.sk.ca>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [26378] me too!
Message-ID: <6639031308091997/A06735/RIEL/11B943432700*@MHS>
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII
Content-transfer-encoding: 7BIT

I, too, am waiting for the announcement of the New NorCal kit....oh the pain of
waiting!...HI HI...I was holding off on an order for the Sierra but from what
I've read so far, maybe I should order it as I'm getting the feeling that the
new kit will work nicely with the Sierra as well as other rigs...HI HI...what a
fun game QRP is!!... 72 - Bruce (VE5RC) QRP-L#886

e-mail: rattray@siast.sk.ca

Date: Mon, 8 Sep 1997 11:14:55 -0400
From: n8k1x@juno.com
To: kt3a@juno.com
Cc: qrp-l@Lehigh.EDU
Subject: [26379] Re: New contest in 98!
Message-ID: <19970908.151524.6638.0.n8k1x@juno.com>

WOW! What a great idea!

Cameron, this sounds like a super idea for a contest. I'll be there!

Jerry, N8KLX

Date: Mon, 8 Sep 97 09:51:31 PDT
From: gregoire@endor.com
To: Low power amateur radio discussion <qrp-1@Lehigh.EDU>
Subject: [26380] IARU BEACON LIST
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

IARU BEACON NETWORK

POSTING BEACONS HEARD @ AA1IK Canaan NH.

date of observation

September,8 1997

1400 TO 1500 hrs. UTC

QTH LOCATED AT 43.37.35 N, 72.01.15 W

de AA1IK for the QRP community

SLOT	COUNTRY	CALL SIGN	FREQUENCY	POWER	LEVEL	HEARD	
				100	10	1	100mw
1	USA (east)	4N1UN	14.100	-	-	-	-
			18.110	-	-	-	-
			21.150		X	X	-
			24.930		-	-	-
			28.200		-	-	-
2	CANADA	VE8AT	14.100	-	-	-	-
			18.110	X	X	X	X
			21.150		-	-	-
			24.930		-	-	-
			28.200		-	-	-
3	USA (west)	WE6WX	14.100		X	X	X
			18.110		-	-	-

			21.150	-	-	-	-
			24.930	-	-	-	-
4	HAWAII	KH6W0	14.100	-	-	-	-
			18.110		-	-	-
			21.150	-	-	-	-
			24.930	-	-	-	-
5	NEW ZEALAND	ZL6B	14.100		-	-	-
			18.110		-	-	-
			21.150	-	-	-	-
			24.930	-	-	-	-
			28.200	-	-	-	-
6	AUSTRALIA	VK6RBP	14.100		-	-	-
			18.110		-	-	-
			21.150	-	-	-	-
			24.930	-	-	-	-
			28.200	-	-	-	-
7	JAPAN	JA2IGY	14.100		-	-	-
			18.110		-	-	-
			21.150	-	-	-	-
			24.930	-	-	-	-
			28.200	-	-	-	-
8	RUSSIA	OPEN	14.100	-	-	-	-
			18.110		-	-	-
			21.150	-	-	-	-
			24.930	-	-	-	-
			28.200	-	-	-	-
9	CHINA	OPEN	14.100	-	-	-	-
			18.110		-	-	-
			21.150	-	-	-	-
			24.930	-	-	-	-
			28.200	-	-	-	-
10	SRI LANKA	4S7B	14.100	-	-	-	-
			18.110		-	-	-
			21.150	-	-	-	-
			24.930	-	-	-	-
			28.200	-	-	-	-
11	SOUTH AFRICA	ZS6DN	14.100	-	-	-	-
			18.110		X	X	X
			21.150	X	X	X	X

			24.930	-	-	-	-
			28.200	-	-	-	-
12	KENYA	5Z4B	14.100	X	X	X	-
			18.110		X	X	X -
			21.150	X	X	X	X
			24.930	-	-	-	-
			28.200	-	-	-	-
13	ISRAEL	4X6TU	14.100	-	-	-	-
			18.110		X	-	- -
			21.150	-	-	-	-
			24.930	-	-	-	-
			28.200	-	-	-	-
14	FINLAND	OH2B	14.100	X	X	X	-
			18.110		-	-	- -
			21.150	X	X	X	X
			24.930	-	-	-	-
			28.200	-	-	-	-
15	MADEIRA	CS3B	14.100	X	X	X	X
			18.110		X	X	X -
			21.150	X	X	X	-
			24.930	-	-	-	-
			28.200	-	-	-	-
16	ARGENTINA	LU4AA	14.100		-	-	- -
			18.110		X	-	- -
			21.150	X	X	X	-
			24.930	-	-	-	-
			28.200	-	-	-	-
17	PERU	OA4B	14.100	X	-	-	-
			18.110		X	X	X -
			21.150	X	X	X	-
			24.930	-	-	-	-
			28.200	-	-	-	-
18	VENEZUELA	YV5B	14.100		X	X	X -
			18.110		-	-	- -
			21.150	X	X	X	-
			24.930	-	-	-	-
			28.200	-	-	-	-

SPECIAL NOTE

The beacons are precisely timed to transmit every three minutes for ten seconds each. The call sign and the first tone following the call sign are sent at 100 watts. The successive tones are lowered by 10 db from the previous tone.

So by listening to a frequency for three minutes, you can get a good idea of the propagation for your location for that time of day. This is especially important for QRPers.

As an example: If you hear 5Z4B at the 1 watt level, you then know that the Kenya area is ripe for a QRP contact.

09/08/97 09:51:31

Date: Mon, 8 Sep 1997 14:00:26 +0000
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-1@Lehigh.EDU
Cc: cqca@aol.com, rschneid@ix.netcom.com, zeekzilch@juno.com, jmedley@ix.netcom.com, n1fn@mtechnologies.com
Subject: [26381] CQC Meeting Photos
Message-ID: <199709082000.0AA16864@bobcat.sni.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Photos from Saturday's CQC meeting are on the web---

<http://www.mtechnologies.com/mthome/cqcbb.htm>

Date: Mon, 8 Sep 1997 13:53:14 -0700 (PDT)
From: Laird Jerman <ljerman@earthlink.net>
To: ham@w3eax.umd.edu, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [26382] Re: Monstrous throng of QRPers at Gaithersburg
Message-ID: <199709082053.NAA14556@sweden.it.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hey Scott,
I think you may be talking abt me. Larry WA3IMF. Yea I was there and the wx was great. I had two of my three kids with me. I got to appoligize. As we were driving out in the afternoon I saw where you were tailgating. Wish I would have seen you while we were walking around. Wud hve stopped and said Hi.

73 Larry

Date: Mon, 8 Sep 1997 13:01:51 -0700 (PDT)
From: Bob Okas <vintage@best.com>
To: William K Hibbert <wb2vuo@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [26383] Re: 20 meter Beacon ?
Message-ID: <Pine.SGI.3.95.970908124740.7267A-100000@shellx.best.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 7 Sep 1997, William K Hibbert wrote:

>
> On Sun, 7 Sep 1997 14:14:52 -0400 "Bob Kellogg" <ae4ic@nr.infi.net>
> writes:
> >Gang, the last few nights I've been looking for the elusive KH6, and I
> >keep
> >hearing a beacon on 14.060. (about 0130-0230 UTC). It says:"CQ DE
> >KFS KFS
> >KFS/B QSX 468121622 M5Z K"
>
> KFS is a Shore station in the Marine radio service. The text indicates
> that they are listing for calls on the Marine services on 4, 6, 8, 12, 16
> and 22 MHz.
>
> They don't operate in the 20 Meter band, but that doesn't mean that they
> don't have a spur that's down -40 dBc or so, which with their 50 KW
> "Nominal" power, would STILL be around 1/2 watt (and perfectly legal as
> they would meet all the regulatory requirements at -40 dBc).

>
> I think that they are in the San Francisco area, but it's been a long
> time since I listened for the Shore stations intentionally.
>

Hi Gang,

The transmitting site for KFS is located in the SF Baylands in Palo Alto. From my former QTH, about 5 miles away, I could hear its beacon on practically all of the ham bands. The signals seemed especially strong on 40m, 20m and 10m. I've long suspected it's due to intermod in my rx front ends. As far as radiated harmonics, I recall that commercial stations have much stricter requirements than we hams. Harmonic content of -80dBc seems to stick in my mind. Hearing the KFS beacons at a distance sufficient to remove the possibility of intermod within the rx seems to imply there must be some other sources of intermod creation. Anyone else hear these sigs?

Bob - W3CD

Date: Mon, 8 Sep 97 14:28:00 -0700
From: Russ Carpenter <russ@natworld.com>
To: "QRP-L List" <qrp-l@Lehigh.EDU>
Subject: [26384] Great Story and Pics from Paul Stroud, AA4XX
Message-ID: <199709082126.0AA19858@guppy.pond.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Hop on over to <http://www.natworld.com/ars/photos/> for an intriguing Bumblebee story, with photos, from noted QRPer, Paul Stroud, AA4XX.

Russ Carpenter, AA7QU
Web Person for Adventure Radio Society

Date: Mon, 8 Sep 1997 17:28:09 -0400 (EDT)
From: fmatthews@norfolk.infi.net (Frank Matthews)
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [26385] New NorCal Kit!!!
Message-ID: <v01530500b039e6802fe9@[208.131.170.183]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

OK.....I agree that it's fun to keep folks in suspense....but what about those of us who ARE members and couldn't travel across country to the meeting...surely we should get a word or two about what went on... :-)

Come on gang....What's the new project? !!!

Frank

Frank Matthews
Technology Education Department
Oscar F. Smith High School
Chesapeake, VA 23320
fmathews@norfolk.infi.net
KC4FKX QRP-L #1079 CQC #434 NorCal #2232 AK/QRP #199
Grid Square FM16

Date: Mon, 8 Sep 1997 14:36:39 -0700
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [26386] Re: New Norcal Kit ????
Message-ID: <199709082136.QAA06604@multi13.netcomi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Saw the new NorCal kit yesterday.

All I can say is that it works fantastically on the WARC bands!

You gotta have one of these. (After I get mine, of course)

Mike K1MG

Date: Mon, 8 Sep 1997 15:45:37 +0000
From: "Marshall Emm" <mgemm@mtechnologies.com>

To: qrp-1@lehigh.edu
Subject: [26387] CQC Summer QSO Party Logs Update
Message-ID: <199709082146.PAA00372@bobcat.sni.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Be sure to send in your log!

The board has decided to award the following certificates, so even with a 2-qso log you could be in the running for some wallpaper.

- Highest score in EACH band for single band entries
- Highest score from EACH call district (operating, not callsign!)

Rules are on the web page:
<http://www.mtechnologies.com/mthome/cqcevent.htm>

73
Marshall Emm
N1FN/VK5FN
n1fn@mtechnologies.com
<http://www.mtechnologies.com/mthome>
(303)752-3382
--

Date: Mon, 8 Sep 1997 15:45:37 +0000
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-1@lehigh.edu
Cc: cqca@aol.com, rschneid@ix.netcom.com, zeekzilch@juno.com, jmedley@ix.netcom.com, n1fn@mtechnologies.com
Subject: [26388] Too much technology
Message-ID: <199709082146.PAA00370@bobcat.sni.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Sometimes technology gets carried away with itself. Reminds me of the first and last time I ever used a grammar checker with WordPerfect. I mentioned David Letterman's show, and the checker underlined Letterman and suggested that I find a non-sexist term [g].

Anyhow, this is the beginning of a message I got back from Listserv regarding my recent posting on the CQC Summer QSO Party--

>>

Dear user, every time you send email to list QRP-L the system analyzes the first line of your message in order to catch misdirected requests. It appears that the first line in your message may have been such a request:

GET THOSE LOGS IN!

The first word, "GET", matches one of ListProc's command words, and as a result your mail was not distributed to <<

...rest was how to send commands to the server.

Why couldn't it have given me the benefit of the doubt? Well, I'll change the first line and re-post it.

Date: Mon, 8 Sep 1997 17:50:50 -0400 (EDT)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-l@lehigh.edu>
Subject: [26389] Archives?
Message-ID: <Pine.LNX.3.93.970908174652.880E-100000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Where have all the archives gone, long time passing...

Ooops, sorry, brain fade again. Anyone know what happened to <http://qrp.cc.nd.edu/qrp-l> ? It seems to have fallen off the edge of the earth. That, or the EMP from all the new sunspots got it :)

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
-- N3XRV QRP WAS 17/9 (w/c) | ccart@erols.com --
-- QRP-L #655 NORCAL #1891 QRP-ARCI #???? | <http://dns.vidtel.com/~ccart> --
-- WIMPS Q's=04 30M=04 17M=00 12M=00 STATES=03/00/00 DX=00/00/00 QSL's=00 --

Date: Mon, 8 Sep 1997 15:45:37 +0000

From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-1@lehigh.edu
Cc: cqca@aol.com, rschneid@ix.netcom.com, zeekzilch@juno.com,
jmedley@ix.netcom.com, n1fn@mtechnologies.com
Subject: [26390] URL Goof
Message-ID: <199709082146.PAA00376@bobcat.sni.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Re pictures of the CQC meeting....

duh.... I guess I had too many meeting things to keep track of. Two images stayed with filenames meeting1.jpg and meeting2.jpg, and the index image is meeting.jpg. I forgot to upload the actual html page which is

<http://xanadu.chisp.net/users/n1fn/sepmeet.htm>.

I think you will that will work MUCH better [g].

Date: Mon, 08 Sep 1997 15:54:24 -0600
From: Niel Skousen <nskousen@scientechnology.com>
To: qrp-1@lehigh.edu
Subject: [26391] Re: New Norcal Kit ????
Message-ID: <3.0.3.32.19970908155424.006cad60@eaglerock.if.scientechnology.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

arrrgghhh

at least tell us how much to save, how fast... WORST possible scenario with the present thread is that it will take me 2 days longer to confirm funds (please honey...) than the first run lasts.... :-)

TNX Niel

>Saw the new NorCal kit yesterday.
>
>All I can say is that it works fantastically on the WARC bands!
>
>You gotta have one of these. (After I get mine, of course)
>

>Mike K1MG

>

>

Niel Skousen: Sr.Eng, SCIENTECH.SPG/CFG nskousen@scientech.com
208.525.3742, FAX 529.4721 Idaho Falls ID WA7SSA QRP-L.119
Z-----DN33wm--- . . . -

Date: Mon, 8 Sep 1997 14:51:58 -0700
From: torell@sicom.com (Kent Torell)
To: qrp-l@Lehigh.EDU
Subject: [26392] norcal kit
Message-ID: <v02130506b03a23acbbfd@[192.91.202.41]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Are the comments about the kit being shown at Pacificon, or one of the
other kits?

Kent Torell torell@sicom.com 602-607-4852
SICOM 7585 E. Redfield, #202 Scottsdale, AZ 85260
AB70A scQRPion 6,qrp-l 57,ARCI 9075 DM33xn 33.55 N 112.078 W

Date: Mon, 8 Sep 1997 15:28:21 -0700
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <torell@sicom.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [26393] Re: norcal kit
Message-ID: <199709082227.RAA10705@multi13.netcomi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> Are the comments about the kit being shown at Pacificon, or one of the
> other kits?

>

>

> Kent Torell torell@sicom.com 602-607-4852

Yes.

Date: Mon, 08 Sep 1997 16:25:55 -0600
From: Niel Skousen <nskousen@scientechn.com>
To: qrp-1@lehigh.edu, gregoire@endor.com
Subject: [26394] Re: IARU BEACON LIST
Message-ID: <3.0.3.32.19970908162555.00700944@eaglerock.if.scientechn.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

TNX for the beacon report, I remember the QST articles a while back and this is getting me interested again....

Got a beacon report format idea for you... Helps me see the data..
The table entry is power level 5(0)dBm=100w....

TNX Niel

At 09:51 AM 9/8/97 PDT, you wrote:

```
>                                     IARU BEACON NETWORK
>                                     POSTING BEACONS HEARD @ AA1IK Canaan NH.
>                                     September,8 1997 1400 TO 1500 hrs. UTC
>                                     QTH LOCATED AT 43.37.35 N, 72.01.15 W
>                                     de AA1IK for the QRP community
>
>SLOT  COUNTRY      CALL SIGN      14.10    18.11    21.15
>      24.93    28.20
>1      USA (east)  4N1UN      -   -   4   -   -
>2      CANADA     VE8AT      -   3   -   -   -
>3      USA (west)  WE6WX      2   -   -   -   -
>4      HAWAII     KH6WO      -   -   -   -   -
>5      NEW ZEALAND ZL6B      -   -   -   -   -
>6      AUSTRALIA   VK6RBP     -   -   -   -   -
>7      JAPAN      JA2IGY     -   -   -   -   -
>8      RUSSIA     OPEN      -   -   -   -   -
>9      CHINA      OPEN      -   -   -   -   -
>10     SRI LANKA   4S7B      -   -   -   -   -
>11     SOUTH AFRICA ZS6DN     -   3   2   -   -
>12     KENYA      5Z4B      3   3   2   -   -
>13     ISRAEL     4X6TU     -   5   -   -   -
>14     FINLAND    OH2B      3   -   2   -   -
```

>15	MADEIRA	CS3B	2	3	3	-	-	
>16	ARGENTINA	LU4AA		-	5	3	-	-
>17	PERU	OA4B	5	3	3	-	-	
>18	VENEZUELA	YV5B		3	-	3	-	-

>

>

>

SPECIAL NOTE

>

>The table entry is indicates level heard (50dBm=100w, 20dBm=100mw)

>

>The beacons are precisely timed to transmit every three minutes for
>ten seconds each. The call sign and the first tone following the
>call sign are sent at 100 watts. The successive tones are lowered
>by 10 db from the previous tone.

>

>So by listening to a frequency for three minutes, you can get a
>good idea of the propagation for your location for that time of day.
>This is especially important for QRPers.

>

>As an example: If you hear 5Z4B at the 1 watt level,you then know
>that the Kenya area is ripe for a QRP contact.

>

>

>

----------
Niel Skousen: Sr.Eng, SCIENTECH.SPG/CFG nskousen@scientech.com
208.525.3742, FAX 529.4721 Idaho Falls ID WA7SSA QRP-L.119
Z-----DN33wm--- . . . -

Date: Mon, 8 Sep 1997 15:31:57 -0700

From: "Michael A. Gipe" <mgipe@reliablemeters.com>

To: <nskousen@scientech.com>, "Low Power Amateur Radio Discussion" <qrp-
l@lehigh.edu>

Subject: [26395] Re: New Norcal Kit ????

Message-ID: <199709082231.RAA10909@multi13.netcomi.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

> at least tell us how much to save, how fast... WORST possible scenario
> with the present thread is that it will take me 2 days longer to confirm
> funds (please honey...) than the first run lasts.... :-)

>

> TNX Niel

I don't know what the official price is, but I heard the number \$30.00 being thrown about.

Of course, like me, you may want to buy a whole set. (I was blown away by the purple one.) In that case, you should plan on saving up a few more dollars.

Mike K1MG

Date: Mon, 08 Sep 1997 15:40:05 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: qrp-1@Lehigh.EDU
Subject: [26396] Next NorCal Kit Announcement
Message-ID: <3.0.1.32.19970908154005.006e56f0@telis.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The next NorCal kit will be announced at Pacificon. Those in attendance will be able to purchase it and take delivery at Pacificon. We will announce to the net what it is, how much it is, and how to order by mail AFTER Pacificon, not before. There will be a plentiful supply. I will say that there were 3 prototypes at the meeting yesterday, and they all have lots of fingerprints on them now. By the way, there are at least 4 NorCal projects in the works for the next year.

Last week there were some messages posted about a possible NorCal announcement, but none of them came from Jim or me. Sorry guys, but that is all that I have for you at this time. 72, Doug, KI6DS

Date: Mon, 8 Sep 1997 17:37:39 -0500
From: crc@io.com (charles crouchet)
To: haf47@juno.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [26397] Re: HW-8 info needed
Message-ID: <199709082237.RAA21297@mx2.io.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Howard, did you get the manual for the HW8 I sent ?? Charlie crc@io.comAt

12:11 AM 8/29/97 EDT, Howard Friedman wrote:

>Hello and thanks for reading this message.

>

>I had the good fortune of picking up a Heath HW-8 at a garage sale at

>such an outrageously low price that I'm ashamed to mention it here.

>Although it transmits, it has a real problem in the receiver.

>

>Does anybody know where I can get a copy of the manual for the HW-8?

>Also, I seem to remember there was a "mod" book available at one time for

>the Heath qrp rigs. Any info on this would also be greatly appreciated.

>

>I'd be happy to pay any copying costs, of course.

>

>Thanks in advance for any help es 73, Howie

>

>WA2AFD

>haf47@juno.com

>

>

Date: Mon, 08 Sep 1997 15:43:01 -0700

From: Ed Loranger <we6w@qsl.net>

To: mgipe@reliablemeters.com

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [26398] Re: norcal kit

Message-ID: <34147F75.30B6@qsl.net>

Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Mike, you've got a WARC'd sense of humor!

-Ed L.

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)

HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.

QRP-L#1068/ARCI#9397/Norcal#2227/ARS#275/AR#112 grid CM88ok

mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Mon, 08 Sep 1997 15:51:24 -0700

From: Ed Loranger <we6w@qsl.net>

To: nskouisen@scientechn.com, gregoire@endor.com

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [26399] Re: IARU BEACON LIST
Message-ID: <3414816C.737B@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

It was written:

```
> >SLOT  COUNTRY      CALL SIGN    14.10    18.11    21.15    24.93    28.20
>      -      -
> >3      USA (west)    WE6WX          2      -      -      -
Uh, hello?
```

There is no WE6WX beacon. You guys are driving me crazy!

It is W6WX.

Not me with an 'X' -- HI!

My wife's glad I don't have an ex too!

-Ed L.

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.
QRP-L#1068/ARCI#9397/Norcal#2227/ARS#275/AR#112 grid CM88ok
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Mon, 8 Sep 1997 15:52:27 -0700
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: "Mike Claussen (gmc)" <gmc@sequent.com>
Cc: "QRP-L list server" <qrp-l@Lehigh.EDU>
Subject: [26400] Re: New Norcal Kit ????
Message-ID: <199709082252.RAA12437@multi13.netcomi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

```
> Awright Mike,
>
> Spill it...
>
```

> Will I be able to interface your Frequency Counter/24hr Clock to it????
>
> Sorry, It was worth a try... :-)
>
> 73
>
> Mike KK7GG

I'm afraid that I am not familiar enough with your skills to determine whether you would be able to interface the K1MG DCC with the new NorCal kit. hi hi hi hi hi

Mike K1MG

:-) :-) :-) :-)

End of QRP-L Digest 842

